

Datasheet

AADAT purified MaxPab rabbit polyclonal antibody (D01P)

Catalog Number: H00051166-D01P

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human AADAT protein.

Immunogen: AADAT (AAH31068.1, 1 a.a. ~ 429 a.a) full-length human protein.

Sequence:

MNYARFITAASAARNPSPIRTMSSEKRADILSRGPKSMI
SLAGGLPNPNMFPPKTAIVTVENGKTIQFGEEMMKRAL
QYSPSAGIPELLSWLKQLQIKLHNPPTIHYQPSQGQMD
LCVTSQSQQGLCKVFEMIINPGDNVLLDEPAYSGTLQS
LHPLGCNIINVASDESGIVPDSLRLDILSRWKPEDAKNP
QKNTPKFLYTPNGNNTGNSLTSEKKEIYELARKYD
FLIEDDPYYFLQFNKFRVPTFLSMDVDGRVIRADSFSK
IISGLRIGFLTGPPLIERVILHIQVSTLHPSTFNQLMIS
QLLHEWGEEGFMAHVDRVIDFYSNQKDAILAAADKWL
TGAEWHVPAAGMFLWIKVKGINDVKELIEEKAVKMG
VLMLPGNAFYVDSSAPSPYLRASFSSASPEQMDVAFQ
VLAQLIKESL

Host: Rabbit

Reactivity: Human

Applications: WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 51166

Gene Symbol: AADAT

Gene Alias: KAT2, KATII

Gene Summary: This gene encodes a protein that is highly similar to mouse and rat kynurenine aminotransferase II. The rat protein is a homodimer with two transaminase activities. One activity is the transamination of alpha-amino adipic acid, a final step in the saccharopine pathway which is the major pathway for L-lysine catabolism. The other activity involves the transamination of kynurenine to produce kynurenine acid, the precursor of kynurenic acid which has neuroprotective properties. Two alternative transcripts encoding the same isoform have been identified, however, additional alternative transcripts and isoforms may exist. [provided by RefSeq]